

BLASTP ALIGNMENT OF C-TYPE LECTIN RECEPTOR-LIKE WITH MOUSE MACROPHAGE C-TYPE LECTIN

Score = 412 (145.0 bits), Expect = 1.2e-37, P = 1.2e-37

Identities = 85/215 (39%), Positives = 119/215 (55%), Frame = +1

SEQ ID NO. 4
C-Type Lectin Receptor-Like: 55 EEPQDREKGLWWFQKLVWSMAVVSILLVCFTVSSVPHNFMYSKTVKRLSKLREYQQY 234

EE Q + KG QL AVVSI LS CF + +V H++ T + KL +Y

Macrophage C-Type Lectin: 4 EESQMSKSGTRHPQLIPCVFAVVSISFLSACFISTCLVTHHYFLRWTRGSVVKLSDY--- 60

SEQ ID NO. 4
C-Type Lectin Receptor-Like: 235 HSSLTCVME----GKDIEDWSCCPTPTSFQSSCYFISTGMQSWTKSQKNCSVMGADLVV 402

H+ +TC+ E G W+CCP W +FQS+CYF Q+W +S++NCS M + LV

Macrophage C-Type Lectin: 61 HTRVTCIREEPQPGATGGTWTCCPVSWRAFQSNCFPLNDNQTHESERNCSGMSHLVT 120

SEQ ID NO. 4
C-Type Lectin Receptor-Like: 403 INTEEHDFIIHNLKRNSSYFLGLSHPRGRHRHWQVDHTPYNENVTWHSGEPPN-LDER 579

INT E +F+ L + SYFLGL+ WQWVD TP+N + FW GE N+ ++E

Macrophage C-Type Lectin: 121 INTEAEQNFVTQLLDKRFSYFLGLADENVEGQWQVDKTPFPNPTVFWKESDNDFMEED 180

SEQ ID NO. 4
C-Type Lectin Receptor-Like: 580 CAINFRSSQEWGNDIHCVPKHSICEMKKIYIMKYS 696

C ++ ++W WND CH + IC++ I K S

Macrophage C-Type Lectin: 181 CVVL-VHVHEKWVNDPCHFEVRRICKLPGITFNWKPS 218

FIG. 1

BLASTP ALIGNMENT OF C-TYPE LECTIN RECEPTOR-LIKE WITH DENDRITIC CELL IMMUNORECEPTOR

Score = 529 (186.2 bits), Expect = 4.8e-50, P = 4.8e-50

Identities = 93/188 (49%), Positives = 130/188 (69%), Frame = +1

SEQ ID NO. 4
C-Type Lectin Receptor-Like: 118 VVSILLVSVCFVSSVPHNFMYSKTVKRLSKLREYQQYHSSLTCVMEGKDIED--WSSC 291

++ LLL++ F ++ V+ + K + L K + H++L CV + +E+ WSSC

Dendritic Cell Immunoreceptor: 51 LIFFLLLAISFFIAFVI----FFQYSQLLEKKTTELVTLECVKKNMPVEETAWSCC 106

SEQ ID NO. 4
C-Type Lectin Receptor-Like: 292 PTPWTSFQSSCYFISTGMQSWTKSQKNCVSGADLVVINTTEHDFIIHNLKRNSSYFLG 471

P W SF S+CYFIST SW S+K+C+ M A L+VINT EE DFI NL+ S+YF+G

Dendritic Cell Immunoreceptor: 107 PKNWKSFSNICYFISTESASWQDSEKDCARMEAHLLVINTQEEQDFIQNLQEESEAYFVG 166

SEQ ID NO. 4
C-Type Lectin Receptor-Like: 472 LSHPRGRRHQWVDHTPYNENVTFWHSCEPNNLDERCAIINFRSS-QEWGWNDIHCHVPH 648

LS P G+RHWQWVD TPYNE+ TFWH EP++ +ERC ++NFR S + WGWN++C P

Dendritic Cell Immunoreceptor: 167 LSDPEGQRHWQWVDQTPYNESSTFWHPREPSDPNERCVLNFKRSPKRWGWNVDVNCGLGPQ 226

649 KSICEMKKIYI 681

SEQ ID NO. 4
C-Type Lectin Receptor-Like:

+S+CEM KI++

Dendritic Cell Immunoreceptor: 227 RSVCEMMKIHLL 237

FIG. 2

BLASTP ALIGNMENT OF C-TYPE LECTIN RECEPTOR-LIKE WITH C-TYPE LECTIN DDB27

Score = 529 (186.2 bits), Expect = 4.8e-50, P = 4.8e-50

Identities = 93/188 (49%), Positives = 130/188 (69%), Frame = +1

SEQ ID NO. 4 118 VVSILLSVGFTVSSVPHNFMYSKTVKRLSKLREYQQYHSSLTCVMEGKDIED--WSCC 291

C-Type Lectin Receptor-Like:

++ LLL++ F ++ V+ + K + L K + H++L CV + +E+ WSCC

DDB27:

51 LIIFFLLLAISFFIAFVI----FFQYSQLLEKTTKELVHTTLECVKKNMPVEETAWSCC 106

SEQ ID NO. 4 292 PTPWTSFQSSCYFISTGMQSWTKSQKNCVMSGADLVVINTTEEHDFIIHNLKRNSSYFLG 471

C-Type Lectin Receptor-Like:

P W SF S+CYFIST SW S+K+C+ M A L+VINT EE DFI NL+ S+YF+G

DDB27:

107 PKNWKSFSNCCYFISTESASWQDSEKDCARMEAHLLVINTQEEQDFIFQNLQEESAYFVG 166

SEQ ID NO. 4 472 LSHPRGRRHWQVDHTPYNENVTFWHSGEPNNLDERCAIINFRSS-QEWGWNDIHCHVPH 648

C-Type Lectin Receptor-Like:

LS P G+RHWQWVD TPYNE+ TFWH EP++ +ERC ++NER S + WGWND++C P

DDB27:

167 LSDPEGQRHWQWVDQTPYNESSTFWHPREPSDPNERCVVLNFRKSPKRWGWNDVNCCLGPQ 226

SEQ ID NO. 4 649 KSICEMKKIYI 681

C-Type Lectin Receptor-Like:

+S+CEM KI++

DDB27:

227 RSVCEMMKIHL 237

FIG. 3

BLASTP ALIGNMENT OF C-TYPE (CALCIUM DEPENDENT, CARBOHYDRATE RECOGNITION DOMAIN) LECTIN RECEPTOR-LIKE, SUPERFAMILY MEMBER 6

Score = 448 (157.7 bits), Expect = 1.8e-41, P = 1.8e-41

Identities = 92/209 (44%), Positives = 130/209 (62%), Frame = +1

SEQ ID NO. 4

C-Type Lectin Receptor-Like:

49 PEEEP-OD--REKGLWWFOLKVWSMAVVSILLLSVCFTVSSVVPHNFMYSKTVKRLSKLRE 222

P E+P +D R+ G L + S+ ++ +LL++ F V+ ++ YS+ ++ +

Mouse C-Type:

29 PREKPIRLRKP GSP--SLLLTSLMLL-LLLLAITFLVAFIYFQ-KYSQ LLEEKKA AKN 84

SEQ ID NO. 4

C-Type Lectin Receptor-Like:

223 YO0YHSSLTCVMEGKDIED--WSCCPTPWTSFOSSCYFIST--GMQSWTKSQKNC SVMGA 390

H+L C	+ED	WSCP	W	F	S	CY	+ T	SW	KS++NCS	MGA
-------	-----	------	---	---	---	----	-----	----	---------	-----

Mouse C-Type:

85 IM--HNELNCTKSVSPMEDKVS CCPKDWR LFGSHCYL VPTVSSASWNKSEENC SRMGA 142

SEQ. ID NO. 4

C-Type Lectin Receptor-Like:

391 DLVVINTTEEHDFIIHNLKRNSSYFLGLSHPRGRRHWQWVDHTPYNENVTFWHSGEPNL 570

LVVI + EE DEI L +++YF+GL G R WOWVD TPY E++TFWH+GEP++

Mouse C-Type:

143 HLVIQSQEEQDFITGILDTHAAYFIGL-WDTGHRQWQWVDQTPYEESITFWHNGEPSSG 201

SEO ID NO. 4

C-Type Lectin Receptor-Like:

571 DERCAIINFSSQEWGNDIHCHVPHKSICEMKKI 675

$$+E+CA \quad I+R \quad WGWN \quad DI \quad C \quad + \quad KS+C+MKKI$$

Mouse C-Type:

202 NEKCATI IYRWKTGWGWNDISCSLKOKSVCQMKKI 236

FIG. 4